Washington State Department of Transportation

Inspector's Daily Report

IDR Sheet 1 of 1 Sheets	Final Record Book	Page
Contract: C-7852	Day: Monday	Date: June 6, 2011

DIARY - Including but not limited to: a report of the day's operations, time log (if applicable), orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

I arrived at the Hyak office around 9:00 am for the weekly conference call. Once the call was over I met with Brad Schut on the east end of the project while he was inspecting NW Cascade apply shotcrete on the soil nail wall (Figure 1). According to Brad, NW Cascade was able to apply the first 4 cubic yards of material; however, the remaining shotcrete was recalled due to too much air in the mixture.

Brad and I walked over to Jenkin's Knob, around station 1330+30 to 1334+10 and located two 10 foot Type L spot dowels that are shown in Eric Smith's 6/3/2011 IDR and a mechanical scaling location (Figure 2). Brad and I also located three 40 foot Type H rock dowels in the same area that was detailed in a memorandum written by Norm Norrish, dated XXXXX (Figure 2).

Brad and I located three 50 foot horizontal drains from approximate station 1326+00 to 1327+00 approximately 27 feet above the finished ditch bottom (Figure 3). Brad and I also located eight 25 foot Type L dowels in the "amber alert" area around station 1325+00 in the shotcrete area (Figure 4). These dowels should be drilled before shotcrete application.

Around 4:00, I drove to the Hyak office to download photographs and work on my IDR.

I met Brad on the west side of the project around 6:00 pm before the planned blast at 7:30 pm. Brad and I intended to remove the detached block that has developed at the crest of the slope in the "amber alert" area. We walked upslope and set up our ropes and waited until the highway was closed and the blast was cleared for work to begin. Once the "all clear" was sounded, Brad and I climbed down to the crest of the slope and began removing material with a scaling bar and a shovel. We were only able to remove the upper 2 to 3 inches and quickly learned that the majority of the detached block was cemented and we were not able to pick it apart (Figure 5). Brad and I attempted to pry the detached block loose and the block would not move. We determined that a scaling contractor would need to work on this area with air pillows or jacks to remove the detached block.

Brad and I left the site around 8:30 pm.

DOT Form 422-004A EF
Revised 1/94

Signed

Michael P. Mulhern
Inspector

Figure 1. A photograph showing the shotcrete application at the soil nail wall.

Figure 2. A photograph showing the dowels located from approximate station 1333+30 to 1334+10. Note the scaling area around station 1334+10.

10 Type L Spot Dowels (Minimum Length in Feet)

40 Type H Rock Dowels (Minimum Length in Feet)

Scaling Area

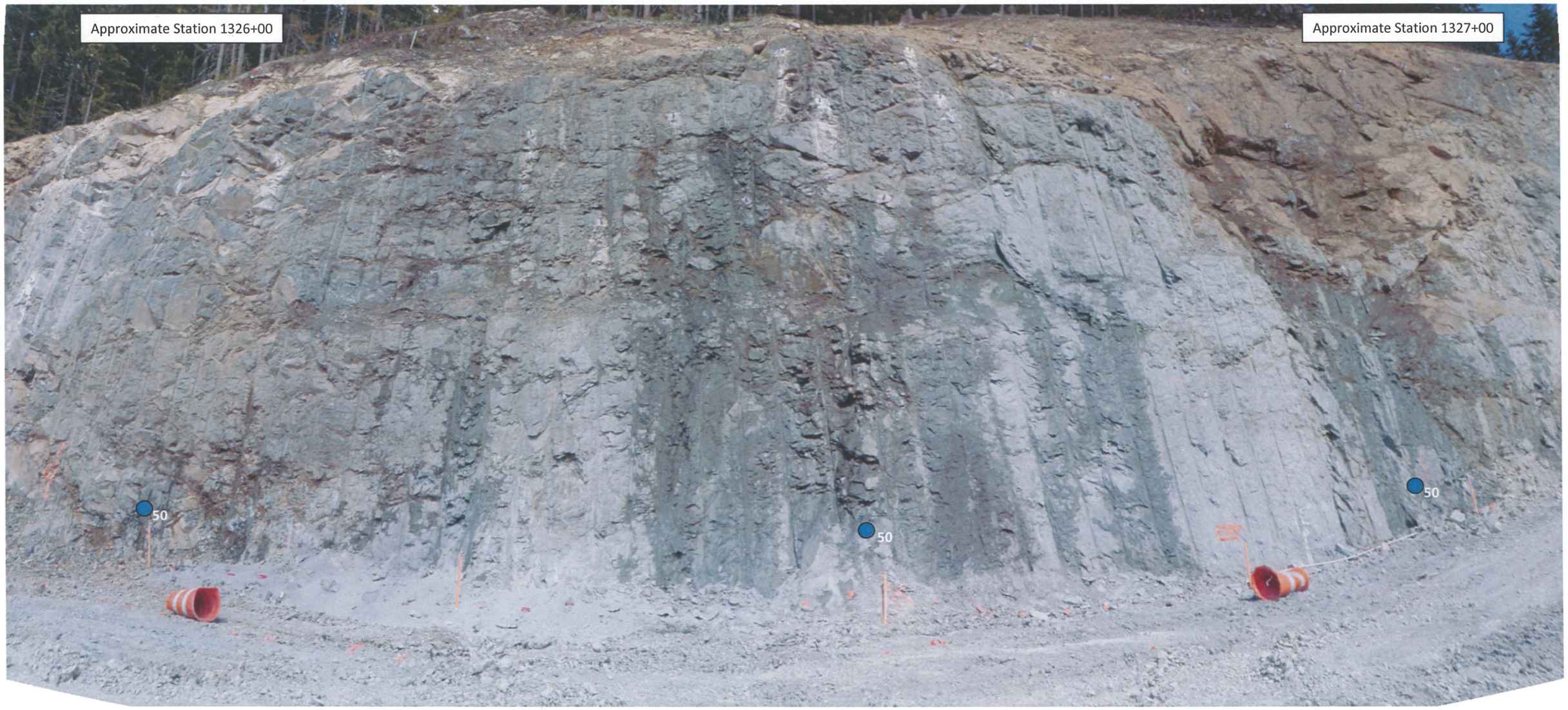

Figure 3. A photograph showing the top row of drains located from approximate station 1326+00 to 1327+00.

50 Horizontal Drain (Minimum Length in Feet)

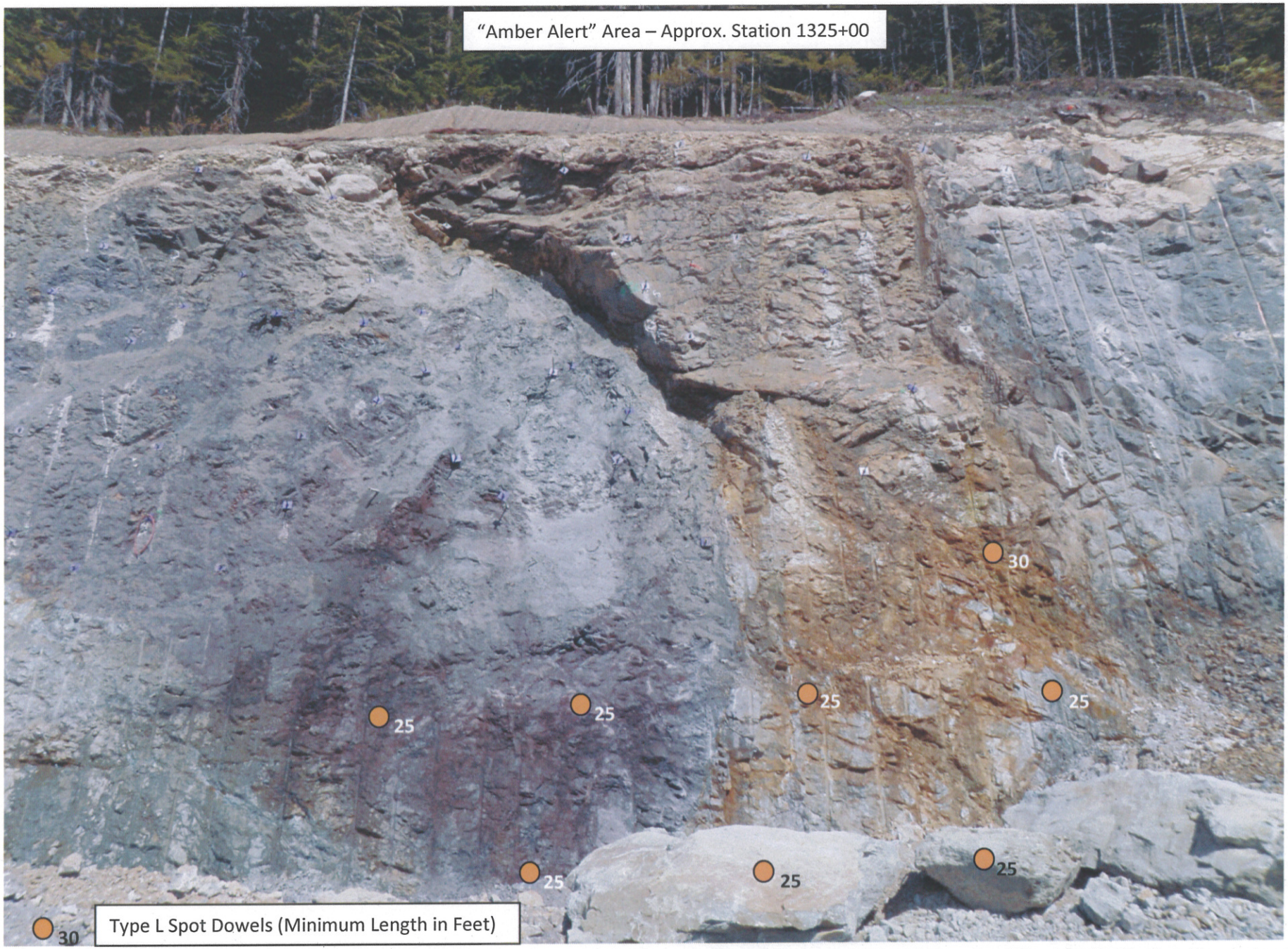

Figure 4. A photograph showing additional Type L pattern dowels in the "amber alert" area (station 1325+00) that should be installed before the shotcrete application. Note the approximate spacing is 12' on center. The bottom row should be placed about 12 feet below the next row above.

Figure 5. A photograph of the detached block located at the crest of the slope at the "amber alert" area, approximate station 1325+00.